

**USING EXCESS LEVELS OF METAL SALTS TO IMPROVE  
PROPERTIES WHEN INCORPORATING POLYMERS IN ASPHALT**

Abstract of the Disclosure

5           In methods of preparing asphalt and elastomeric polymer compositions  
such as polymer modified asphalt (PMA), it has been discovered that the com-  
patibility can be improved by adding excess amounts of certain organic and inor-  
ganic metal salts beyond the proportions normally used. Suitable metal salts may  
be metal oxides that include, but are not necessarily limited to, zinc oxide, calci-  
10   um oxide, and the like. The method of the invention also permits asphalt modified  
with other polymers such as ground tire rubber (GTR) to have improved compati-  
bility. Additionally, the use of excess amounts of these metal salts helps control  
gel formation.